

Peak District National Park

Forecast valid from 06:00 on Thursday 09 Feb 2023 until 23:59 on Friday 10 Feb 2023

Forecast Issued on Thursday 09 Feb 2023 at 00:21

Confidence: High confidence that the weather will be quite settled over the coming days with high pressure over Southern United Kingdom but uncertainties lie in cloud amounts and where there will be cloud breaks, also low confidence in the amount of mist and fog that will develop each night.

Headline for Thursday 09 Feb 2023: Dry and bright morning, increasingly cloudy later.

Mountain weather hazards on Thursday 09 Feb 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 09 Feb 2023

Weather: A bright and sunny morning for most but cloud increasing from the west through the afternoon and cloud lowering over the highest tops later. Perhaps some mist and fog patches developing through the evening.

Chance of cloud-free hill tops above 600m: 90% falling to 70%, cloud lowering over the higher areas later in the day.

Low cloud and visibility: A bright morning with excellent visibility and very little cloud below summit level, cloud will thicken and lower during the afternoon with some of the higher summits shrouded by mid-afternoon, scattered cloud tending to form around 500m and above. Visibility will turn hazier but still moderate or good later in the day.

Forecast for Thursday 09 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 W	15/21 W	20/27 W	19/27 W	14/21 W	11/18 SW	12/18 SW
300	8/11 W	11/17 SW	15/21 W	14/21 W	10/17 W	9/15 SW	9/15 SW
Valley	4/11 W	4/15 SW	10/20 W	12/23 W	7/17 W	5/14 SW	5/14 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-5	-0/-6	1/-5	2/-4	1/-4	0/-5	0/-5
300	2/-1	2/-2	4/-1	5/1	4/-0	3/-1	2/-1
Valley	2/0	1/-1	5/1	6/2	4/1	3/1	2/0
Freezing Level*	500m	400m	600m	700m	700m	700m	500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Fresh westerly winds continuing through the day and feeling quite fresh in the cool westerly airstream. Note freezing level around the higher summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 09 Feb 2023	0.2mm	0.4mm	0.4mm

Forecast for Friday 10 Feb 2023

Weather: Cloudy but mostly dry, perhaps some drizzle forming where the cloud thickens enough in the west. A few cloud breaks may be possible in the east towards Sheffield.

Maximum wind: Southwesterly 10-15mph gusts 25mph.

Chance of cloud-free hill tops above 600m: 80% falling to 60% later, low cloud in association with light rain or drizzle later in the day.

Low cloud and visibility: Patches of low cloud above 500m are expected throughout the day, cloud tending to thicken and lower towards the evening. Visibility will be mainly good but becoming hazy later in the day.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius.
At 600m: Plus 1 Celsius rising to 6 Celsius.
Freezing level: 600m rising above all summits.